

**SYNTHETIC MICROSPHERES
AND METHODS OF MAKING SAME**

Abstract of the Disclosure

A building product incorporating synthetic microspheres having a low alkali metal oxide content is provided. The synthetic microspheres are substantially chemically inert and thus a suitable replacement for natural cenospheres, particularly in caustic environments such as cementitious mixtures. The building product can have a cementitious matrix such as a fiber cement product. The synthetic microspheres can be incorporated as a low density additive and/or a filler for the building product and/or the like.

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